Title (en)

Data storage apparatus employing a memory having one or more data storage areas

Title (de)

Einem Speicher mit ein oder zwei Datenspeicherbereichen verwendendes Datenspeichergerät

Title (fr)

Dispositif de stockage de données utilisant une mémoire ayant une ou deux zones de stockage de données

Publication

EP 0825759 A3 20001213 (EN)

Application

EP 97113973 A 19970813

Priority

JP 23842496 A 19960821

Abstract (en)

[origin: EP0825759A2] A data storage apparatus in a device comprises a flash memory (18) having one or more image data storage areas, or frames, together with related attribute data areas each corresponding to an image data storage area in the data storage apparatus. Each attribute data area is used to store attribute data indicating the state or status of the corresponding image data storage area. The attribute data generally can indicate "1" that an image is stored in the image data storage area, "2" that an instruction is pending to delete the image data in the data storage area, which instruction has not yet been executed, or "3" the data storage area is initialized and ready to be written on. Data in an image data storage area the status of which indicates a pending delete instruction is not deleted until the apparatus is subsequently turned on again for use. In this manner, the impact of lengthy delays caused by the slow read-write times of flash memory (18) is minimized to the user, who is aware of the delay only as part of the start-up of the device. <IMAGE>

IPC 1-7

H04N 1/21

IPC 8 full level

H04N 1/21 (2006.01)

CPC (source: EP KR)

G06F 12/00 (2013.01 - KR); **H04N 1/21** (2013.01 - EP); H04N 2201/214 (2013.01 - EP)

Citation (search report)

- [A] EP 0669751 A2 19950830 - CANON KK [JP]
- [A] EP 0669752 A2 19950830 - EASTMAN KODAK CO [US]

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0825759 A2 19980225; **EP 0825759 A3 20001213**; **EP 0825759 B1 20061213**; DE 69737082 D1 20070125; KR 100300301 B1 20011026; KR 19980018841 A 19980605

DOCDB simple family (application)

EP 97113973 A 19970813; DE 69737082 T 19970813; KR 19970039794 A 19970821